

GROSSMANN, Vojtech, prof. MUDr.; TULACH, Jiri; Technicke spoluprace:
HORACKOVA, O.; PECA, O.; OCHRYMOVIC, O.

A contribution to changes in the effect of physostigmine on
the blood pressure of irradiated rats. Sborn. ved. prac. lek.
fak. Karlov. Univ. 9 no.1:183-190 '64.

1. Katedra farmakologie (prednosta: prof. MUDr. V. Grossmann);
Katedra toxikologie (prednosta: doc. MUDr. Z. Fink) Karlovy
University v Hradce Kralove.

CSSR

KVETINA, J. (technical co-workers: PEGA, O., CELLEROVA, J., DYNTAROVA, H.)

no academic degree indicated

dept. of pharmacology of the medical faculty at Charles University (katedra farmakologie lek.fak.KU), Hradec Kralove; director: Prof. GROSSMAN V., MD - (for all)

Bratislava, Bratislavske Lekarske Listy, No 1, 1963, pp 41-51

"The Pharmacodynamics of Dolsin and its Metabolites in the Course of Radiation Sickness"

(4)

PECA, V.; SEFL, K.

"Testing quick-setting cement to be used in the construction of prestressed-concrete structures." p. 322

POZEMNI STAVBY. Praha, Czechoslovakia, Vol. 7, No. 6, March, 1959

Monthly List of East European Accessions (EEAI), IC, Vol. 8, No. 9, September 1959
Unclas.

CZECHOSLOVAKIA/Chemical Technology - Food Industry.

H-28

Abs Jour : Ref Zhur - Khimiya, No 24, 1958, 83331

Author : Pecak, O., Bitenc, F.

Inst : -

Title : The Chemical Composition of Potatoes.

Orig Pub : Socialist. kmet., 1957, 8, No 5-6, 167-171

Abstract : The content of starch, sugar nitrogen and dry residue was studied on some varieties of potato from Slovenia. The starch content was determined by Everes' method, the sugar content by Schurell's method and the nitrogen by Kjeldahl. The dry residue was determined by drying at 105°C. to a constant weight. The potato of Rodovitnik variety had the best indices in respect to the sugar content, and in respect to starch - the Voran and Ranny Bemovets varieties.

Card 1/1

- 43 -

PECA, V.

Contribution to the discussion concerning the article by Comrade Lerner,
architect. p. 142.

STAVIVO, Praha, Vol. 33, no. 5, May 1955.

30: "Monthly List of East European Accessions, (EAL), LC, Vol. 4, no. 12, Oct. 1955,
Uncl.

CZECH

✓ Industrial separations of substances by ion exchangers.

Zelená Sέρα, Václav Pešek, and Jan Hájek. Chem.

Fransky 4(29), 225-23 (1954).—The design, operation, and process control are discussed of the ion exchanger in a pilot-plant installation in an antibiotic plant in Czechoslovakia. The separation of basic substances from dil. solutions by means of a cation exchanger is described.

L. A. Helrich

L. A. Helrich

② ~~18~~ 94

PECAN, Vaclav; SEVERA, Zdenek

A quick method of determination of streptomycin in fermented media. Cesk. farm. 3 no.9:305-307 Nov 54.

1. Z Vyrkumneho ustavu antibiotik, Rostoky u Prahy
(STREPTOMYCIN, determination
fermented media, quick method)

FECAR, Vaclav; SEVERA, Zdenek

Isolation of cephalin from brain and spinal cord. Cas. lek.
cesk. 44 no.34-35:960-962 26 Aug 55.

1. Vyzkumny ustav antibiotik, Rostoky u Prahy.

(PHOSPHOLIPIDS

cephalin, isolation from brain & spinal cord.)

(BRAIN

cephalin isolation.)

(SPINAL CORD

cephalin isolation.)

PECÁK, VACLAV

The isolation of cephalin from brain and medulla. Václav Pecák and Zdeněk Ševr (Výzkumný Ústav Antibiotik, Řeřtůky u Prahy, Czech.). *Casopis Lékařů Českých* 94, 942-2 (1955).—Thoroughly ground mince is dried in a vacuum drying-box or in warm air at max. 60° for approx. 24 hrs. and reground. The dry material is Soxhlet-extd. with Et₂O contg. 1-1.5% water (2-2.5 l. per kg. dry material). Et₂O is removed and the dry ext. is Soxhlet-extd. with Me₂CO (3 l. per kg. of ext.) for 10-15 hrs. The ext. is evapd. and boiled for 2-3 hrs. in 5% aq. NaOH (3 l. per kg. of ext.). Cholesterol is washed with H₂O on a Büchner funnel and twice recrystd. from boiling MeOH (1 l. per 100 g.). m. 147-8°. The phospholipide-rich Me₂CO-extd. material is dissolved in 95% Et₂O (300 ml. per 100 g.), centrifuged, if necessary, and pptd. with 4 vols. of Me₂CO. Water emulsion of the ppt. is repeatedly pptd. with equal vols. of Me₂CO. The crude lecithin-cephalin mixt. is dissolved in 95% Et₂O and pptd. with 4 vols. of 96% EtOH. Cephalin is reprecip. and dehydrated with anhyd. Me₂CO, m. 174-5°. Lecithin can be obtained from the EtOH soln. by pptg. with 3 vols. of Me₂CO. The residues after the first Et₂O extn. of brain or medulla are extd. with 92% EtOH; phosphatide impurities are removed by heating with Ba(OH)₂ soln., and the cerebroside fraction is fractionated by crystn. according to Loening and Thierfelder (cf. *ibid.* 74, 252).

1. M. Hala

PEGEK, V.; CIZEK, S.; MUSIL, J.; CERKES, L.; HEROLD, M.; BELIK, E.; HOFFMAN, J.

Stimulation of chlortetracycline production by benzyl thiocyanate. J. Hyg. Epidem., Praha 2 no.1:111-115 1958.

1. Institute of Antibiotic Research, Roztoky, near Prague, Czechoslovakia.

(THIOCYANATES, effects

benzyl thiocyanate stimulation of chlortetracycline prod. by Streptomyces strains)

(CHLORTETRACYCLINE, preparation of

prod. by Streptomyces strains, stimulation by benzyl thiocyanate admin.)

(STREPTOMYCES, metabolism

aureofaciens prod. of chlortetracycline, stimulation by benzyl thiocyanate admin.)

HORNUNG, Stanislaw; POLONCZYK, Mieczyslaw; DELOFF, Leonard; DERUBSKA, Barbara; GARNUSZEWSKI, Zbigniew; JAROSZEWICZ, Wiwa; JAWORSKI, Jan; MYSAKOWSKA, Helena; PARYSKI, Edwin; PECAR, Wladyslaw; PREGOWSKI, Wladyslaw; SOSNOWSKI, Wacław; WESTFAL, Irena; ZIERSKI, Marian

Primary resistance to basic antitubercular drugs in pulmonary tuberculosis patients observed in Poland during the period of 1961-1962. Gruzlica 32 no.8:629-636 Ag '64.

PEGAK, Wladyslaw; KUBIT, Stanislaw

Contribution to the treatment of pulmonary sarcoidosis with prednisone.
Gruzlica 30 no.1:57-66 '62.

1. Z Oddzialu Pneumonologicznego Wojewodzkiego Szpitala Przeciwgruz-
liczego w Rzeszowie Dyrektor: dr med. T. Lewicki.

(PREDNISONE ther) (SARCOIDOSIS ther)
(LUNG DISEASES ther)

PEČÁKOVÁ, L.
(6349)

Dept. of Pharmacol. and Chemical Inst., Charles Univ. Albertov, Prague Paper
Partition chromatography of riboflavine decomposition products Nature, London
1949, 163/4150 (768) *Final*

Irradiated samples of riboflavine solution have been subjected to chromatography on filter paper using Crammer's technique (Nature, 1948, 161, 349). In addition to residual riboflavine, lumiflavine and lumichrome, yellow fluorescent spots due to two (or more) unidentified products were observed. Commercial injection solutions were analysed by this method, which is claimed to be suitable for following the influence of various conditions on the rate and nature of photolysis.

Slack-Dagenham

So: Excerpta Medica, Vol. II, No. 12, Sec. II, December 1949

PECAR, M.

Cost of transportation by motor vehicles on our highways. (To be contd.) p. 66.
(Ceste I Mostovii Vol. 5, no. 2, Feb. 1957, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) 18, Vol. 6, no. 7, July 1957, Uncl.

PECAR, F.

Cost of transportation by motor vehicles on our highways. (Conclusion)p.103.
(Ceste I Mostovi. Vol. 5, no. 3, Mar. 1957, Yugoslavia)

SO: Monthly List of East European Accessions (EERL) ⁶18, Vol. 6, no. 7, July 1957, Uncl.

POCHLUNIKOV, N. I.

Pribory upravleniia artilleriiskim zenitnym ognem (PUAZO). Kniga
I. Utverzhdeno v kachestve uchebnika dlia voennykh akademii Krasnoi Armii.
Moskva, Gos. Voen. izd-vo, 1940. 345 p., illus., tables, diags.

Title tr.: Instruments for control of artillery anti-aircraft fire.
Approved as a textbook for the Red Army Military Academies.

HF625.P3

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 195 .

PEAR, M.

1918. Simple installation for gravimetric micro-
titration. M. PEAR (Inst. Inorg. Anal. and Phys.
Chem., Zagreb Univ., Yugoslavia). *Bull. Ser.
Yugosl.* 1938, 3 (1), 7-8 (in English). -- The weight
burette (cf. *Brit. Abstr. A*, 1937, 267) is a conical
bask (5 ml) through the side of which is sealed a
capillary siphon having its longer external leg
drawn to a fine tip. The tip is coated with paraffin
wax; capillary tension prevents flow unless the tip
is immersed in the liquid (L) to be titrated. It is
placed in a hollow in a porcelain plate which is
carried on one arm of a lever, where even it is supported
by springs so that it can vibrate. By pressing the
other arm of the lever, L is raised into connection
with the tip and the titrant flows. On release,
contact is broken and flow stops, while vibration due
to the springs ensures good mixing. The final wt.
of titrant added is found by weighing the burette
before and after titration. A. R. PEARSON

1917

Pecar, H.

Med ✓ A survey of color reactions of strychnine. M. Pecar
(Inst. Inorg. Chem., Zagreb, Yugoslavia). *Farm. Glasnik* 12,
492-9(1958).—A review dealing with color reactions of
strychnine. 70 references. T. Bican-Fisler

PECAR, M.

A new simple installation for gravimetric microtitration.
M. Pecar (Univ. Zagreb). Bull. sci., Conseil acad. RPF
Yugoslav. 3, 7-8 (1950) (in English).--An app. consisting
of a microburet and a micro-titration tester with a vibration
platform is described in detail.
N. Plavšić

PEČAR, M.

✓ Determination of strychnine in the past 125 years. M. 10
Pečar. Farm. Glasnik 11, 407-14 (1955).—Review with
of references. R. H.

PAVEL, Dorin, prof., dr. ing.; (Bukarest); PECOOL, Erasme [translator]

Hydrological data and water power potential of the Danube.
Hidrologiai Kozlony 37 no.2:113-130 '57.

11-11

CA

Chronic mercury poisoning. Milko Peč (Ambulanta za
pobližnje bolezni, Ljubljana, Jugoslavija). *Arha Hig.
Radu* 1, 300 (1959) (English summary). In a felt-hat
factory, where $HgNO_3$ was used for impregnation all but 14
out of 142 workmen developed symptoms of Hg poisoning.
In a detailed analysis of symptoms of chronic poisoning, P.
attributes particular importance to erethism, tremor, and
chronic vasomotor disturbances. Toxic symptoms in the
mouth occupy only the 4th place. No lesions of the teeth
were observed, only dryness in the mouth and nose. Ner-
vous lesions were of neuralgic character, with most varied
localizations. P. ascribes disturbances of digestive organs
which are not of an exclusively toxic character to toxic
lesions of nerves. This is confirmed by the fact that in the
course of chronic poisoning not a single lesion of the kidney
was found. E. J. Froelich

PECEK, Jiri inz.

Why radiocommunication is not used by the Czechoslovak railroads.
Zel dop tech 11 no.2:32-34 '63.

1. Ustredni dum dopravní a spojovací techniky.

PECELI, B.

PECELI, Vojtech, Automobile Works(Automobilove zavody), Prague.

" Ventilation of Painting Booths in Automobile Repair Shops "

Zemovedni Technika a Vdouchotechnika, Prague, Vol 6, No 2 ,
63, pp 75-82.

Abstract: The author analyzes conditions for ventilating
spray booths from standpoint of allowed maximum concentration
of paint and varnishes, air velocities and air circulation.
A method is described for a uniform air admission through the
ceiling and illustrated on an example for calculating neces-
sary parameters for a spray booth.

9 references from the East.

1/1

SUBJECT APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239810008-9"

Country: Hungary

Academic Degrees: [not given]

Affiliation:

Source: Leipzig, Isotopentechnik, No 5-6, May 1961, p. 173.

Data: "Investigations on the Carry-with Effect of Liquid Droplets in the
Vacuum Distillation of Residual Oils."

Authors:

FODOR, J. Isotope Laboratory of the Central Material Testing Station of the
Iron and Metal Works "Csepel";

VARGA, K. Isotope Laboratory of the Central Material-Testing Station of the
Iron and Metal Works "Csepel";

PECELI, B. Mineral Oil Plant "Csepel";

VAJTA, L. Association of the Mineral Oil Industries of the People's Republic
of Hungary.

[no original language version of associations given]

SIMON, Pal, a kemiai tudományok kandidátusa; PECELI, Bela

Construction of new petroleum refineries. Kem tud kozl MTA 22
no.2:211-221 '64.

1. Danubian Petroleum Industry Enterprise, Szazhalombatta.

PECSELI, BELA

Peceli, Bela, Parafinmentesito szakmunkas. (Irtak) Peceli Bela, Karolyi Jozsef (es) Neber Elemer (Budapest) Nehazipari Konyv- es Folyoiratkiado Vallalat, 1952. 130 p (Banya- es Energiaugyi Miniszterium Szakaoktatasi Kiadvanyai; Asvanyolajipar) (The technical process of extracting paraffin from oil. Diagrs.)

SO: Monthly list of East European Accessions. LC, Vol. 3, No. 1, Jan. 1954, Uncl.

PECSELI, Endre, dr.; KUMMERLANDER, Lajos, dr.

Case of monolateral absence of adnexa diagnosed by pelveophlebography.
Magy noorv. lap. 25 no.1:29-32 Ja '62.

1. A Baranyamagyai Tanács Korháza (Igazgató: Steinmetz Endre dr.)
Szülészeti és Nőgyógyászati Osztályának (Főorvos: Páli Kálmán dr.)
közleménye.

(ADENXA UTERI abnorm) (ANGIOGRAPHY)
(PELVIS radiography)

MEJCHAR, B.; HOUBOVA, H.; EDLAN, A.; PECENA, J.

On the problem of leukoplakia of the mucous membrane of the oral cavity. Cesk. stomat. 66 no.1:9-15 Ja '66.

1. Stomatologicka klinika (prednosta prof. dr. A. Edlan, DrSc.)
a Siskuv patologicko-anatomicky ustav (prednosta prof. dr.
J. Vanek, DrSc.), lekarske fakulty Karlovy University v Plzni.

PROCIK, J.

A new way of drying lumber. p. 376.

(MATERIALY DREWNIANE, Vol. 11, No. 11, Nov. 1956, Warsaw, Poland)

SU: Monthly list of East European Accessions (MEAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.

PECENIK, J.; HALFAR, W.

"Timber, a Problem of Steady Interest in the Building Industry," P. 221.
(PRZEGLAD BUDOWLANI, Vol. 26, No. 7, July 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 1, Jan. 1955 Uncl.

PECENIK, J.

Canal dryer for drying lumber. p. 259

PRZEGLAD BUDOWLANY

Warszawa

Vol. 27, no. 7, July 1955

SOURCE: East European Accessions List (EEAL), EC, Vol. 5, no. 3, March 1956

PECENIK, J.

"Research on the Resilience of Pine Lumber (Pinus Sylvestris)."
(Inzyniera I Budownictwo, Vol. 11, No. 2, Feb. 1954, Warszawa) Buletyn. p. 7A

SO: Monthly List of East European Accessions, Vol. 3, No. 6, Library of Congress, June, 1954, Uncl.

PECENIK, J.

"Problem of artificial drying of timber in building. Biuletyn," p. 35A.
(INZINERIA I BUDOWNICTWO Vol. 11, No. 11, Nov. 1955. Warszawa, Poland)

SO: Monthly List of East European Accessions. (REAL). LC. Vol. 4, No. 4.
April 1955. Uncl.

PECHENIKOV, R.Ya.; RABICHEVA, S.G.

Reducing the working pressure and increasing the diameter of
gas mains. Gaz.prom. 5 no.6:44-47 Je '60.
(MIRA 13:6)

(Gas, Natural—Pipelines)

PEGENKA, J.; JANICEK, B.; NEDVIDEK, J.; SUCHANEK, M.; SKVRNOVA, K.;
TUMOVA, B.; VOBECKY, J.; VOJTOVA, H.; VOLAKOVA, H.

Immunological survey of influenza in the Czech regions. J.hyg.
epidem., Praha 4 no.4:477-488 '60.

1. Institute of Epidemiology and Microbiology in Prague; Micro-
biological Department, Medical School, Brno University; Public
Health Departments in Jihlava, Brno and Ostrava.
(INFLUENZA immunology)

RASKA, K.; TUMOVA, B.; HELCL, J.; FEDOVA, D.; PIRKOVA, Z.; PECENKA, J.;
SKVRKOVA, K.

Annual report of the Czechoslovak Influenza Centre.
J.hyg. epidem. 7 no.3:261-271 '63.

+

PEČENKA, J.
BASKA, K.; PEČENKA, J.; TUMOVA, B.

1957 Influenza pandemic. Cas. lek. česk. 96 no.43:1383-1385 25 Oct 57.
(INFLUENZA, epidemiol.
in Czech (Cz))

RASKA, K.; PECENKA, J.; RADEKOVSKY, J.; ROULINY, J.; TUMOVA, E.

Influenza epidemic in 1957. Cas. lek. cesk. 97 no.20:626-633 16 May 58.

1. Cs. chrinkova ustredna pri Ustavu epidemiologie a mikrobiologie v Praze, vednosta prof. dr. Karel Raska. K. R., Praha 12, Srobarova 48.

(INFLUENZA, epidemiol.
in Czech. (Cz))

PECENKA, J.

"Evaluation of gamma globulin in the prevention of infectious hepatitis." p. 311.
(CASOPIS LEKARU CESHYCH, Vol. 92, no. 13, Mar. 1953, Praha.)

SO: Monthly List of East European Accessions, Vol. 2, #19 Library of Congress
October 1953, Uncl.

SKOVRANEK, V.; RADKOVSKY, J.; ROUDNY, J.; CERVENKA, J.; PECENKA, J.; SOVINA, J.;
ADAM, E.; ADAMOVA, V.; NOVAK, A.; ZACEK, K.; VONKA, V.

Vaccination against poliomyelitis in Czechoslovakia in 1957. II. Evaluation of morbidity following vaccination. J. Hyg. Epidemiol., Praha 2 no.4: 469-477 1958.

1. Ministry of Health, Prague; Institutes of Epidemiology and Microbiology, Prague and Bratislava; Clinical Laboratory for Poliomyelitis Research, Charles University, Prague; Children's University Hospital, Infectious Diseases Department, Bratislava; Institute of Sera and Vaccines, Prague. V. Skovranek, Ministerstvo zdravotnictví, Praha 12, Tr. W. Piecka 98, Czechoslovakia.

(POLIOMYELITIS, prev. & control,

vacc. in Czech., morbidity in vaccinated child)

CERNY, E., MUDr.; HAVLIK, O., RNDr. [deceased]; CHLADEK, V., MUDr.; NOVOTNY, J., MUDr.;
FECENKA, J., MUDr.; PRIVORA, M., MUDr.; SYMON, K., MUDr.; SYRUCEK, L.
MUDr.; VIMOLA, E., MUDr.; WEISER, J., RNDr.; WOLF, A., MUDr., doc.; RASKA, K.,
prof., MUDr., redaktor.

Medical protection against biological warfare. Zdrav.
aktuality 122:1-150 '63.

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EXCERPTA MEDICA Sec 17 Vol 5/6 Public Health June 59

1588. THE EPIDEMIOLOGY OF INFLUENZA IN 1957 - K epidemiologii chřipky v roce 1957 - Raška K., Pečenka J., Radkovský J., Roudný J. and Tůmoyá B., Čs. Chřipková Ústředna při Úst. Epidemiol. a Mikrobiol., Praha - CAS. LEK. ČES. 1958, 97/20 (626-633) Graphs 6 Tables 3

The first cases of influenza of the new type (A₅₇FE) were detected in Czechoslovakia as early as May, 1957. In the subsequent months in a number of areas larger and smaller epidemics occurred, mainly in working communities. In September, 1957, the influenza spread rapidly, particularly among schoolchildren. The epidemic culminated in October 1957. Subsequently there was a fall in the morbidity rate and since then influenza was found in various localities in Czechoslovakia as a disease affecting individuals or as small epidemics. Between September 30th and December 31st, 1957, more than 1,440,000 cases of the disease were recorded. The incidence of complications was 1.1% and the mortality rate 0.2% of all cases. From May, 1957 till the end of 1957, 102 strains of the influenza virus were identified. With the exception of 2 strains A' (October 1957) and one strain B (December 1957) all strains were of the A₅₇FE type.

SKOVRANEK, V.; PECENKA, J.; ROUNDY, J.; RADKOVSKY, J.

Vaccination against poliomyelitis in Czechoslovakia in 1957. I. The epidemiological situation with regard to poliomyelitis in Czechoslovakia and the organization of the vaccination programme in 1957. J. Hyg. Epidem., Praha 2 no.4:415-422 1958.

1. Ministerstvo zdravotnictvi, Praha 12, Tr. W. Pleska 98, Czechoslovakia. (for Skovranek).

(POLIOMYELITIS, prev. & control,
vacc. in Czech)

PECEUKA, J.; SKVRNOVA, K.; HANA, I.; IZNICKY, A.; RUMOVA, B.; MARKVART, O.;
LOUDA, L.; HARTL, Z.; REICL, J.; KLEINBAUER, V.

Evaluation of influenza vaccine. Cesk. epidem. mikrob. imun. 7 no.6:365-373 Nov 58.

1. Ústav epidemiologie a mikrobiologie v Praze-Zdravotnická správa ministerstva národní obrany. 1. hyg. epidemiologický oddíl čs. lid. armady - Krajská hyg. epid. stanice v Gottwaldově -- Krajská hyg. epid. stanice v Pardubicích. J. P. Praha 12 Srobarova 48.

(INFLUENZA, prev. & control
vaccine evaluation (Cz))

PECENKA, J.; IZBICKY, A.; HANA, I.

On the question of using hyperimmune equine serum in the prevention of influenza. Cesk. epidem. mikrob. imun. 8 no.1:9-12 Jan 59.

1. Ustav epidemiologie a mikrobiologie v Praze. J. P., Praha 12, Srobarova 48.

(INFLUENZA, prev. & control

immun. by hyperimmune horse serum (Cz))

(IMMUNE SERUMS, ther. use

hyperimmune horse serum in prev. of influenza (Cz))

PECHENKA, J.; RASKA, K.

Evaluation of utilization of gamma globulin in prevention of infectious hepatitis. Cas. lek. cesk. 92 no.13:340-343 27 Mar 1953.
(CINL 24:4)

1. Of the Institute of Epidemiology and Microbiology (Director--
Karel Raska, M.D.) Prague.

LORENZ, A.; PECKNY, A.

Multiple small retention cysts in the bulbar conjunctive.
Cesk. oftal. 20 no.1:69-71 Ja'64.

1. Klinika chorob ocnich lek. fakulty KU v Plzni; (prednosta:
prof.dr.K.Knobloch, DrSc.) a Siklun patologickoanatomicky
ustav lekarske fakulty KU v Plzni (prednosta: prof.dr.J.Vanek,
DrSc.).

*

PECENY, Alfred.

Manifest and atypical forms of idiopathic pulmonary hemosiderosis
in adults. Acta Univ. Carol. [med.] (Praha) 9 no.8:657-664 '63

1. Patologickoanatomický ústav prof. Sikla lékařské fakulty
Univerzity Karlovy v Praze; přednosta: prof. MUDr. J. Vanek.
DrSc.

STEJSKALOVA, Eva; PECENY, J.; HUBER, M.

Transport of glucose into *Saccharomyces cerevisiae* RVII.
Folia microbiol. (Praha) 9 no.2:55-57 Mr'64

1. Department of Technical Microbiology, Institute of Micro-
biology, Czechoslovak Academy of Sciences, Prague.

*

ZAHN, K.; CIHAK, J.; PECENY, J.

Anouryams of the retinal arteries. Sborn. lek. 67 no.6:206-210 Jo'65.

1. I. oční klinika fakulty všeobecného lékařství University Karlovy v Praze (prednosta: prof. dr. E. Dienstbier, DrSc.); Interní oddelení fakultní polikliniky v Praze (vedoucí: prof. K. Herfort, DrSc.); a Výzkumný ústav endokrinologický v Praze (reditel: doc. dr. K. Silink, DrSc.).

Peceny, R.

Polarographic determination of the ripeness of viscose. p. 207.

Vol. 5, no. 5, May 1955.

CHEMICKY PRUMYSL

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9,
Sept. 1955, Uncl.

Peceny, R.

C ✓ Polarographic determination of ripeness of viscose. *Průmysl. Chem. Průmysl* 5, 207-9 (1965).—The gamma value of viscose is detd. polarographically by catalytic waves. The inorg. decomposition products of cellulose xanthate can thus be detected in certain buffered solns. while cellulose xanthate in the same solns. does not produce an anodic wave. Two different buffers are employed: (1) 0.1N NH_4Cl + 0.1N NH_4OH (pH = 9.3) and (2) 0.1N di-Na citrate (pH = 4.95). The ripeness is indicated by the height of catalytic wave which is related to the degree of aging, but the relationship is different for each buffer used. *L. A. Belwich*

PACENY, JAROSLAV

SOHKA, Jiri; PACENY, Jaroslav

Respiratory quotient and fixation of CO₂. Lek. listy, Brno 9
no.18:427-428 15 Sept 54.

1. III. vnitřní klinika K.U.

(CARBON DIOXIDE, metabolism,

fixation, relation to resp. quotient)

(METABOLISM, TISSUE,

carbon dioxide fixation, relation to resp. quotient)

CZECHOSLOVAKIA

PECENY, Vaclav, Inz; MNO, NT-ZS [Abbreviations not identified.]

"Mass Evacuation of Wounded and Diseased on Stretchers Using Common Carriers."

Prague, Vojenske zdravotnicke listy, Vol 32, No 1, Mar 63; pp 3-6.

Abstract : Discussion of placement of litters in Czech buses, trucks and railroad freight cars and markings of latter. Various essential requirements and precautions are listed. Ten photographs, diagram.

1/1

Pecerskaja, M. I.

"Sur les hydrures de nickel." by A. A. Balandin, B. V. Erofejev, M.A. Pecerskaja
and M. S. Stachanova. (p. 577)

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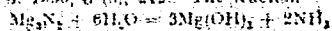
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particular of humidity in gases. The NH_3 is ab-
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1ST AND 2ND SECTORS										3RD AND 4TH SECTORS									
PROCESSING AND PROPERTIES MODEL																			
<i>BC</i> <i>B-1-4</i> Relation between the constitution of certain chromium alloys cast irons and their rate of dissolution in hydrochloric acid. P. Marasymenko J. Pesh and F. Poboril (Chim et Ind., 1933, 29, spec. No., 649-645). The rate of dissolution in 2% HCl of cast Fe containing 0.8-2.5% C and 0.35-0.7% Si increases with increase in the Cr content and with rise of quenching temp is with increase in the proportion of γ in the microstructure. Potential measurements show that this behaviour is to be attributed to differences in the H_2 overvoltage on the α and γ phases.																			
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CA

7

Pyrogallolcarboxylic acid as a reagent for determining calcium. A. Okál and J. Pech. *Chem. Listy* 42, 181-3 (1948); cf. C.A. 43, 5537e. — A satd. aq. soln. of 2,3,4-pyrogallol-1-carboxylic acid gives a blue-violet coloration with Ba^{++} , Sr^{++} , and Ca^{++} . The reagent can be used for detecting Ca^{++} in the presence of Ba^{++} and Sr^{++} , if the soln. is treated with a slight excess of 9 N H_2SO_4 , boiled, cooled, and filtered before adding the org. reagent. The test can be used for the colorimetric detn. of Ca in drinking water. M. Hudlický

PRINCIPLES AND PROPERTIES IN 12

7

A color test for alkaline earths. A. Okada and J. Pech. *Collection Czechoslov. Chem. Commun.* 13, 400-6(1948) (in English).—Basic solns. of alk. earth ions react with a satd. aq. or 1% ethereal soln. of pyrogallol carboxylic acid (2,3,4-trihydroxybenzene-1-carboxylic acid) (I) to give a bluish color or blue ppt. To detect Ca in the presence of such ions as Mg^{++} , Pb^{++} , Al^{++} , Zn^{++} , Zr^{++} , or Ti^{++} add 1 ml. of 2 N NaOH to the neutral soln., remove any ppt., and add an equal vol. of I soln. A micro test can be made with much smaller quantities. The presence of strong reducing agents, such as Sn^{++} , and of anions, such as PO_4^{--} , F^- , $C_2O_4^{--}$, and CO_3^{--} , interfere. The reaction is also sensitive for Ba^{++} and Sr^{++} . The test is not obtained with aq. suspensions of $BaSO_4$, it is weak with $SrSO_4$ suspensions but a pos. test is obtained with $CaCO_3$ and water. The test is useful for detg. Ca^{++} in *drinking water*. In this case, add 1-2 ml. of 2 N NaOH, 1 ml. of gum arabic soln., dil. to 50 ml., and add the aq. soln. of I. In measuring the depth of color in a photometer, an S57 filter should be used. H. L. Whidden

ADD-SEA METALLURGICAL LITERATURE CLASSIFICATION

100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200

CA

Isomorphism of internal complex salts of dimethylglyoxime. J. Pech, M. Pabst, and A. Režábek. *Chem. Listy* 43, 186-187 (1949). Isomorphism of Ni, Pd, and Pt salts of dimethylglyoxime was proved roentgenographically. A series of mixed crystals of Ni and Pd salts was prepared. Co and Cu salts showed a different structure. M. Hudlický

[illegible]

[illegible]

B. R. R.

C. 1. Inorg. Phys. & applied

2583. *Pyrocatecholboronic acid as reagent for calcium.* A. Okat and J. Pech (Chem. Listy, 1948, 82, 181--183).—To 5 ml. of solution are added 1 ml. of 2*N*-NaOH and 5 ml. of a saturated aq. solution of the reagent acid. A blue-violet coloration is obtained in presence of Ba⁺⁺ <25, Sr⁺⁺ <0.5, or Ca⁺⁺ <0.25 mg.; Ca⁺⁺ can be detected in presence of Sr and Ba by previously pptg. them as sulphates. A micro-modification consists in adding a drop of 2*N*-NaOH and 2 drops of 1% solution of reagent in either to 0.1 ml. of solution, when the coloration is obtained with Ba <10, Sr <5, and Ca <0.5 µg. The reaction can be applied to the colorimetric determination of Ca.
R. Tsvetkov.

the other

C-1. Inorganic case not applied

2128 Colour reaction of the alkaline earths. A. (1944 and J. Lash (Coll. Trav. chim. Technol., 1948, 18, 403-406). Pyridine. Tetravalent acid reacts with alkaline solutions of the alkaline earths to give a violet coloration. The reaction is unaffected by the presence of most cations, but is interfered with by stannites and anions which form insol. salts of the alkaline earths. In presence of sulphate the reaction can be used to detect Ca in presence of Sr and Ba.

A. J. SWALLOW

6 Colorimetric determination of calcium by means of pyrogallolcarboxylic acid. J. Poln. Chem. Inst. 43, 8 13 (1948). ~ Pyrogallolcarboxylic acid (II) gives with Ca a blue-violet coloration in alk. solns. For the quantitative colorimetric measurements, a filter 8.57 and the width of 0.5 cm. were found the most suitable. Concn. of 0.2-0.4 mg. Ca in 10 ml. of test soln. were used. For higher concns. of Ca, a protective colloid (2% starch soln.) must be used to make the extinction curve linear. To 10 ml. of a soln. contg. 0.2-0.4 mg. Ca add 1 ml. 2 N NaOH, 2 ml. 2% starch soln., and dil. with a suit. aq. soln. of 1 to 5 ml. M. Hudlicky

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"Industrial electronics" by Vladimir Svoboda. Reviewed by Jaroslav
Pech. Elektrotechnik 18 no.4:121-122 Ap '63.

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Saturation charge of dielectric globule. El tech cas 13 no.4:217-223 '62.

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1, Vavclavske namesti 55.

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no.10:541-542 0 '62.

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"Electrostatic separation of mixed granular solids" by O.C.
Ralston. Reviewed by Jiri Pech. El tech obzor 51 no.10:560
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Industrial safety in operating the electrostatic lacquering equipment. El tech obzor 52 no.2:104 F '63.

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Electrostatic forces and their use. El. tech. obzor 52 no.11:
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96524

Z/009/60/010/02/019/026
E142/E235

AUTHORS: Vazan, M., Pech, J., and Stojan, S. ✓
TITLE: Development of the Synthetic Rubber Industry in
Czechoslovakia

PERIODICAL: Chemický Průmysl, 1960, Vol 10, Nr 2, pp 97-99

ABSTRACT: During the third Five Year Plan the production of synthetic rubber was started in Czechoslovakia. Average consumption of synthetic rubber in Czechoslovakia is 4 kg per capita; Table 1 shows the average consumption in various states in 1958 and Table 2 the estimated world output during 1952 to 1965. The authors review briefly the development of the world's synthetic rubber production and then discuss the development of the manufacture of synthetic rubber in Czechoslovakia; the importance of the raw materials, especially of petrochemicals, eg butenes is stressed. Conditions for the production of butadiene-styrene rubber SKS-30A were investigated and it is envisaged that butadiene will be eventually produced from C_4 hydrocarbons (n-butene and n-butane). The Výzkumný ústav syntetického kaučuku, Gottwaldov (Research Institute for Synthetic Rubber, Kaučuk n.p. in Gottwaldov) is carrying out investigations on various

Card 1/2

96524

Z/009/60/010/02/019/026
E142/E235

Development of the Synthetic Rubber Industry in Czechoslovakia
synthetic rubbers and the VÚ pro ropu a uhlovodíkové
plyny (Research Institute for Petroleum and Hydrocarbon
Gases) in Bratislava has been carrying out tests on a
new type of selective calcium-nickel-phosphate catalyst
for the dehydrogenation of butene to butadiene. This
catalyst gives a 30% conversion and has a 90% degree of
selectivity. It will be used in the factory "Kaučuk"
in Kralupy which will begin production in 1963. It is
also planned to erect a factory for the production of
chloroprene rubber. This rubber will be produced from
acetylene, the latter being obtained by the partial
oxidation of methane. There are 5 tables.

ASSOCIATION: Výzkumný ústav syntetického kaučuku, Gottwaldov
(Ministry for the Chemical Industry and Research
Institute for Synthetic Rubber, Gottwaldov)

Card 2/2

2757. A survey of the development of Van de Graaf generators. J. Pich. *Electrotech. Obser.* 4A, No. 5, 257-61 (1954) in Czech.

The survey covers the period from the erection of the original Van de Graaf generator in Princeton in 1900 up to 1952. The most important generators (by size and voltage ratings) are described and shown in diagrams and illustrations. Other designs, not really belonging to the Van de Graaf type and less successful (Pauthenier and Moreau generators) are also briefly discussed. The advantages of operation at high pressures and with various gas fillings are considered in greater detail and the improvements of modern, small horizontal types commercially available for industrial and medical purposes are briefly described.

J. P. PICH

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Chemical Abst.
Vol. 48
Apr. 10, 1954
Analytical Chemistry

/Rapid determinations of sulfur and halogens in organic compounds. O. Mikl and J. Pech (Ústav synth. kaučuku, Gottwaldov, Czech.). *J. Chem. Soc. (C)*, 601-3 (1953). Impregnate filter paper with a soln. of 100 mg. org. compd. contg. S, halogen, or both, burn in an O atm. in a flask contg. 100 ml. H₂O + 10 ml. 3% neutral H₂O₂, and titrate after 1 hr. and after expelling CO₂ by boiling 2 min. If S is present, titrate the H₂SO₄ with alkali hydroxide soln., if halogens and S are present, det. the total acidity and the halogen content by titration with Hg(NO₃)₂.
M. Hudlický

CZECH

✓ Determination of small amounts of oxygen in butadiene

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Immunochemical investigation of gamma-globulin in dry human plasma preparations. Acta Pol. pharm. 22 no.1:63-68 '65.

Immunochemical analysis of protein antigens in preparations of dry human plasma. Ibid.:69-74

1. Z Pracowni Farmakodynamiki Akademii Medycznej w Poznaniu (Kierownik: prof. dr. J. Dadlez).

MACKIEWICZ, Urszula; MACKIEWICZ, Stefan; PECH, Juliusz

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dr J. Dadlez Z III Kliniki Chorob Wewnętrznych AM w Poznaniu
Kierownik: doc. dr med. K. Wysocki.
(ARTHRITIS, RHEUMATOID) (SERODIAGNOSIS)
(ALUMINUM SILICATES)

PECH, Karoly

Practical methods for fault detection and repair. Radiotecnika
1; no.1:16-17 Ja '65.

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KLEANDER, A., inz; DANIHELKA, F.; PECH, L.

From the activities of the Regional Commission of the Czechoslovak Scientific and Technological Society in Bratice Kralove.
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Determination of change of temperature in humid climate chambers. p. 139.

EPULETGEPESET, Vol. 4, No. 4, 1955

(Epitoipari Tudományos Egyesület) Budapest

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